



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1228577
OIL & GAS CONSERVATION DIVISION

Form ACO-1
August 2013

Form must be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SIOW
- Gas D&A ENHR SIGW
- OG GSW Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic Other (Core, Expl., etc.): _____

If Workover/Re-entry: Old Well Info as follows:

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

- Deepening Re-perf. Conv. to ENHR Conv. to SWD
- Plug Back Conv. to GSW Conv. to Producer
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
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API No. 15 - _____

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite:

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Permit #: _____

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

- Confidentiality Requested
Date: _____
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____



1228577

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

INSTRUCTIONS: Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No List All E. Logs Run: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No
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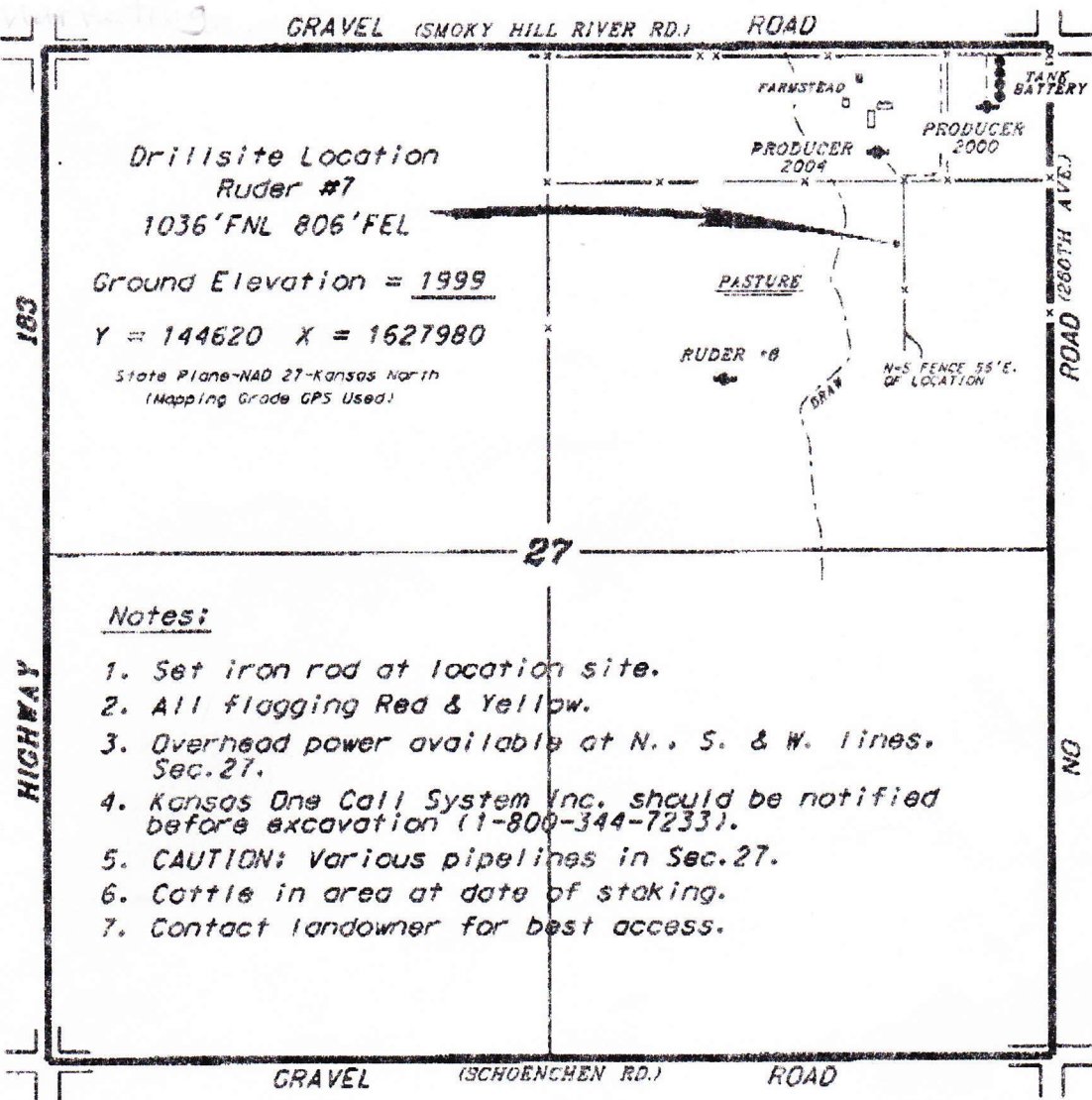
Date of First, Resumed Production, SWD or ENHR.	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____
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Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____ <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: _____ _____
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Ticket # 14201560
Start May 24th
Nex-Tech
Ruders #7

TRI UNITED, INC.
RUDER LEASE
NE. 1/4, SECTION 27, T15S, R18W
ELLIS COUNTY, KANSAS

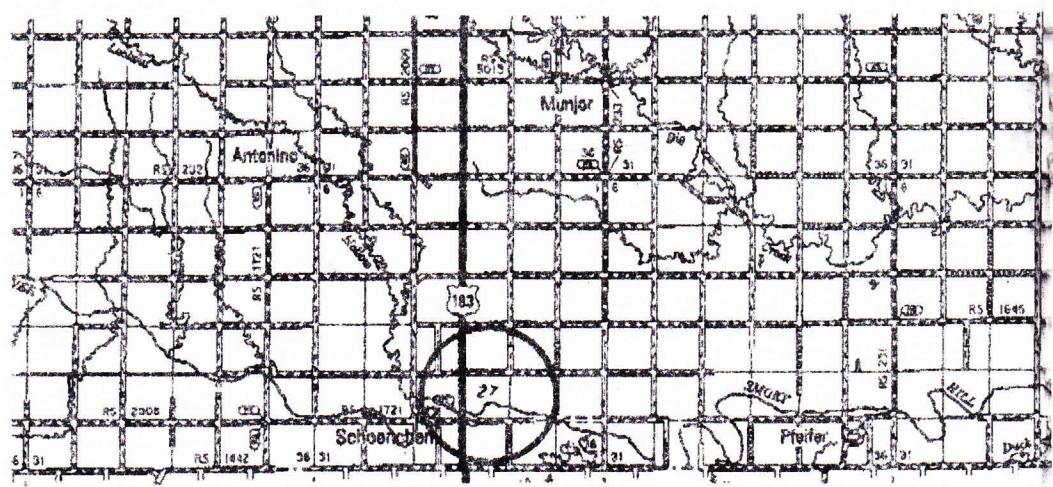


Drillsite Location
Ruder #7
1036'FNL 806'FEL
Ground Elevation = 1999
Y = 144620 X = 1627980
State Plane-NAD 27-Kansas North
(Mapping Grade GPS Used)

Notes:

1. Set iron rod at location site.
2. All flagging Red & Yellow.
3. Overhead power available at N., S. & W. lines, Sec.27.
4. Kansas One Call System Inc. should be notified before excavation (1-800-344-7233).
5. CAUTION: Various pipelines in Sec.27.
6. Cattle in area at date of staking.
7. Contact landowner for best access.

*Ingress and egress to location as shown on this plot is per usage only and may not be legally opened for public use. Contact landowner, tenant and county road department for access.



• Controlling data is based upon the best maps and photographs available to us and upon a regular section of land containing 540 acres.
 • Approximate section lines were determined using the normal standards of care of oilfield surveyors practicing in the state of Kansas. The section corners, which establish the precise section lines, were not necessarily located, and the exact location of the drillsite location in the section is not guaranteed. Therefore, the operator securing this service and accepting this plot and all other parties relying thereon agree to hold Central Kansas Oilfield Services, Inc., its officers and employees harmless from all claims, costs and expenses and hold entities released from any liability from the findings or consequences thereof.
 • Elevations derived from National Geodetic Vertical Datum.

Date **May 15, 2014**

GLOBAL CEMENTING, L.L.C.

1369

REMIT TO 18048 170RD
RUSSELL, KS 67665

SERVICE POINT:

API # 15-051-26702-00-00
Russell, KS

DATE 10-22-14	SEC. 27	TWP. 15	RANGE 18	CALLED OUT	ON LOCATION	JOB START 10:15pm	JOB FINISH 10:45pm
LEASE Rubber	WELL #. 7	LOCATION			COUNTY Ellis	STATE KS	
OLD OR NEW (CIRCLE ONE)							

CONTRACTOR shields

TYPE OF JOB Comp string

HOLE SIZE 7 7/8 T.D. 3500

CASING SIZE _____ DEPTH _____

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. 15"

PERFS _____

DISPLACEMENT _____

OWNER _____

CEMENT AMOUNT ORDERED 175sx com 10% salt
1% gel 2% plaster

COMMON _____ @ _____

POZMIX _____ @ _____

GEL _____ @ _____

CHLORIDE _____ @ _____

ASC _____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

HANDLING _____ @ _____

MILEAGE _____ @ _____

EQUIPMENT

PUMP TRUCK CEMENTER Heath - Cody

81 HELPER Brad

BULK TRUCK _____

81 DRIVER Peyton

BULK TRUCK _____

_____ DRIVER _____

REMARKS:

Run 5 1/2 casing and landing it - lost circulation for some - bailed up and mixed 500 gal mud flush out until water behind it - mixed 120 sx and cement base and plugged RT - 40ps and m4 = 85sx - released plug and disp 1000 gal + 470 - plug landed @ 1200ps - released and float did not hold - shut in @ 90ps

CHARGE TO: Tri-United

STREET _____

CITY _____ STATE _____ ZIP _____

Global Cementing, L.L.C.,
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME George Byler

SIGNATURE George Byler

TOTAL _____

SERVICE

DEPTH OF JOB _____

PUMP TRUCK CHARGE _____

EXTRA FOOTAGE _____ @ _____

MILEAGE _____ @ _____

MANIFOLD _____ @ _____

_____ @ _____

_____ @ _____

TOTAL _____

PLUG & FLOAT EQUIPMENT

1-5 1/2 rubber plug @ _____

3-600+ @ _____

1-150 Taper @ _____

1-5 1/2 male shoe @ _____

500 gal mud plug @ _____

TOTAL _____

SALES TAX (If Any) _____

TOTAL CHARGES _____

DISCOUNT _____ IF PAID IN 30 DAYS

Geological Report

Tri United, Inc, Operator
Lic #3194
Eugene E, Leiker, Geologist
Well Name, Ruder #7
SE-SW-NE-NE 27-15s-18w
Ellis County Kansas
API # 15-051-26702-00-00

Elevation: 1999 GL
2004 KB

General: Contractor: Shields Drilling
Lic # 5184

Commenced: 6-16-2014
TD Reached: 6-22-2014
RTD: 3585'

Casing Record: 8 5/8 set at 1168'
450 sks Common Cement
3%cc, 2%gel
5 1/2 set at 3564'
130 sks Common
10% salt, 2% gel

Pertinent Data

	Log Tops	(KB)
Anhydrite	1142'	+862
Heebner	3242'	-1238
LKC	3288'	-1284
B-KC	3495'	-1491
Arbuckle	3563'	-1559
RTD	3585'	-1581

Zones Of Interest:

LKC

3354-3360 Limestone, white, fair porosity, oolitic and ollicastic, Good odor, good saturation, free oil on break. Some vugular porosity with fair amount oil within.

Arbuckle: Dolomite, White, Surcosic fine grained top part.
3563-3585 Surcosic medium grained to bottom. Shale thru out top, Fair Odor and Fair shows of oil thru out entire amount drilled up.

Recomendation: Set pipe to open hole entire Arbuckle due to the shows of oil and odor, The well ran structurally high in the area. Also the lansing had a good show in the 3355' area which indicated good on open hole log

*Sincerely yours
Eugene E. Leiker*